

6. (Once Amended) The fiber reinforced pipe length of claim 2 wherein the individual fiber wraps are aligned at different spatial angles.

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7. (Once Amended) A plurality of identical fiber reinforced pipe lengths joined together at the ends and each formed of the same solid thermoplastic organic polymer with inner and outer surfaces, said joined pipe lengths having a plurality of continuous juxtapositioned reinforcement fibers formed with a solid material composition selected from the group consisting of ceramics, metals, carbon and organic polymers which are thermally bonded to the outer surface of each joined pipe length at a predetermined spatial angle with respect thereto, said reinforcement fibers having been continuously wrapped about the outer surface of said joined pipe lengths in an unbonded condition while said joined pipe lengths are continuously moving together without rotation in a linear direction with respect thereto and followed by sufficient heating of the fiber wrapped joined pipe lengths to cause thermal bonding therebetween while the joined pipe lengths continue movement in the same linear direction.

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9. (Once Amended) The fiber reinforced pipe lengths of claim 8 wherein the individual fiber wraps are aligned at different spatial angles.

11. (Once Amended) A method for reinforcement of a pipe length with inner and outer surfaces and formed with a solid thermoplastic organic polymer which comprises:

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(a) continuously moving the pipe length without rotation in a linear direction,

(b) wrapping a plurality of continuous juxtapositioned reinforcement fibers formed with a solid material composition selected from the group consisting of ceramics, metals, carbon and organic polymers while in an unbonded condition about the